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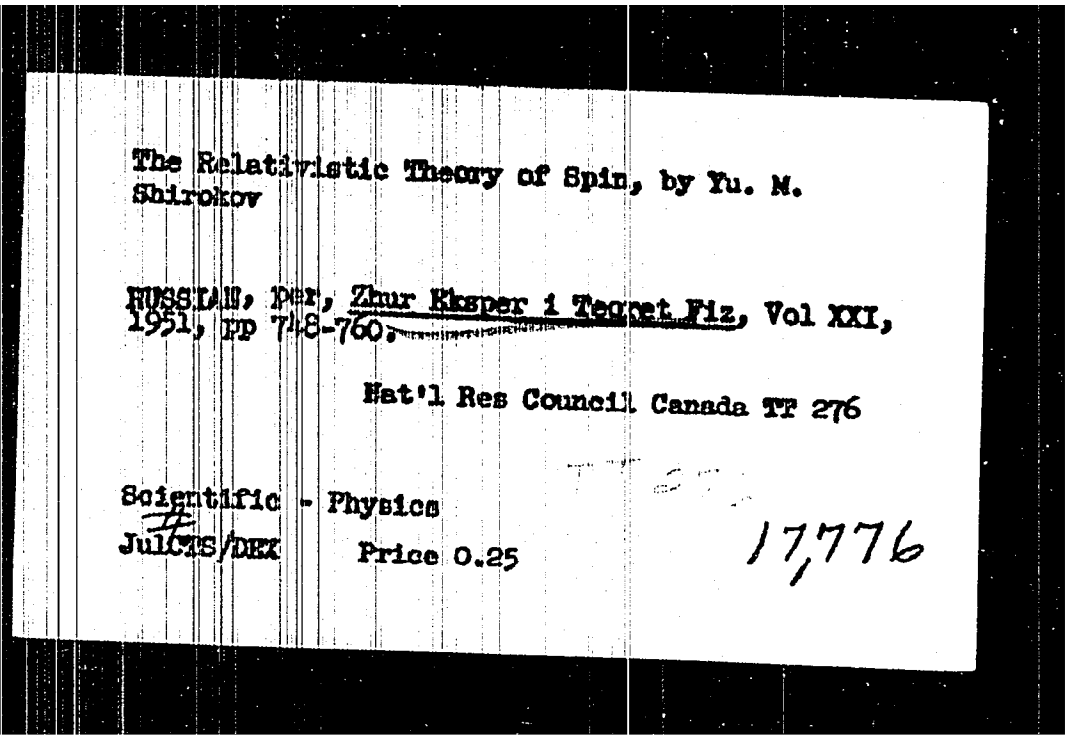

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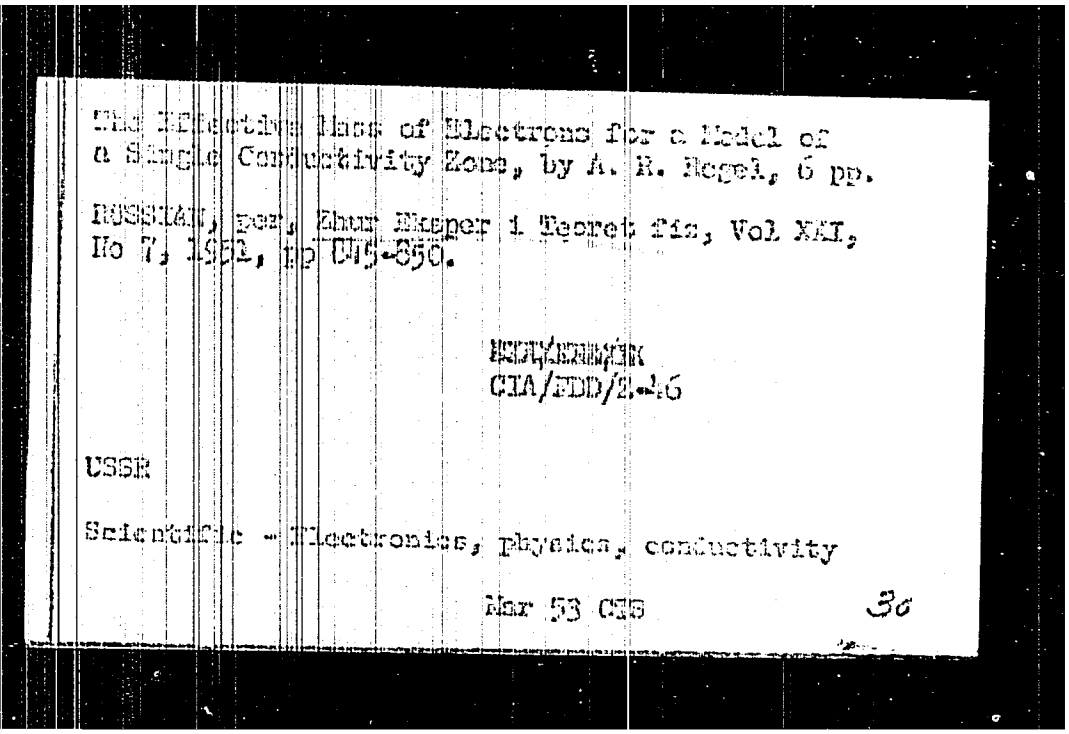

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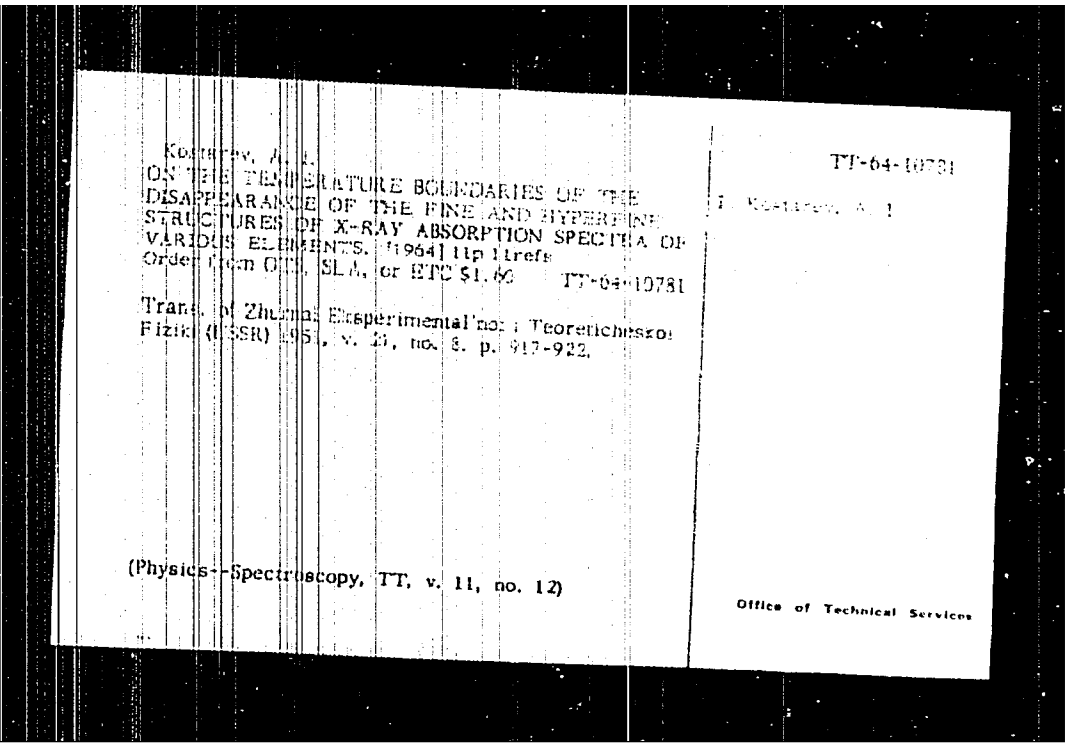

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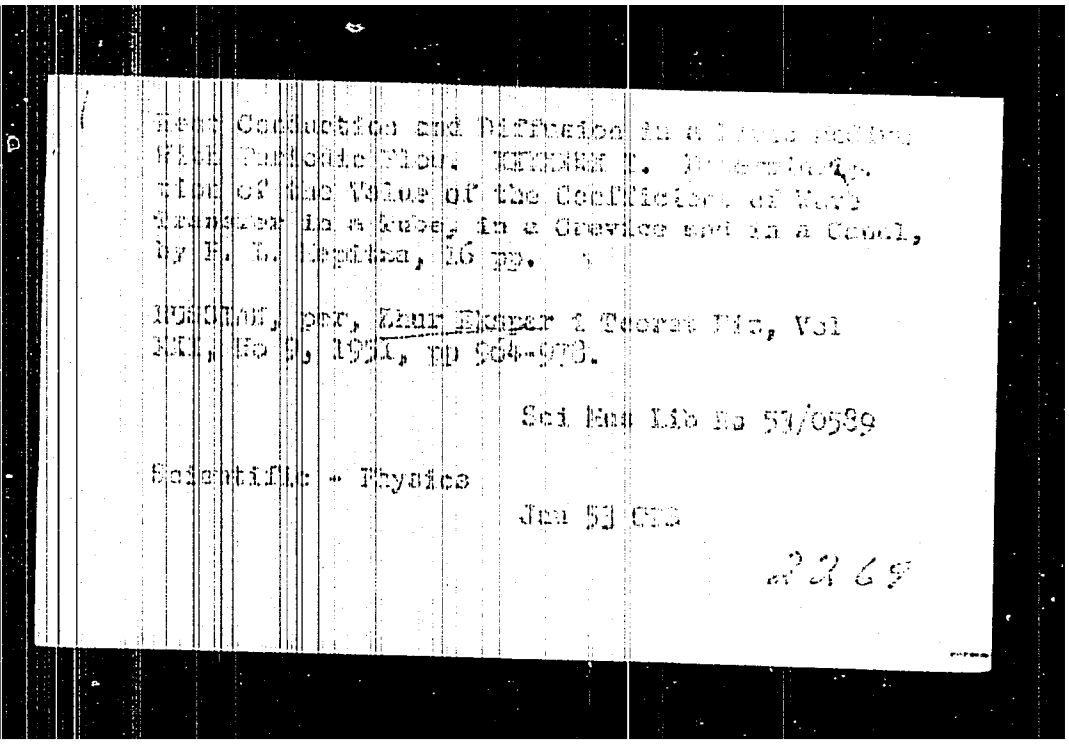

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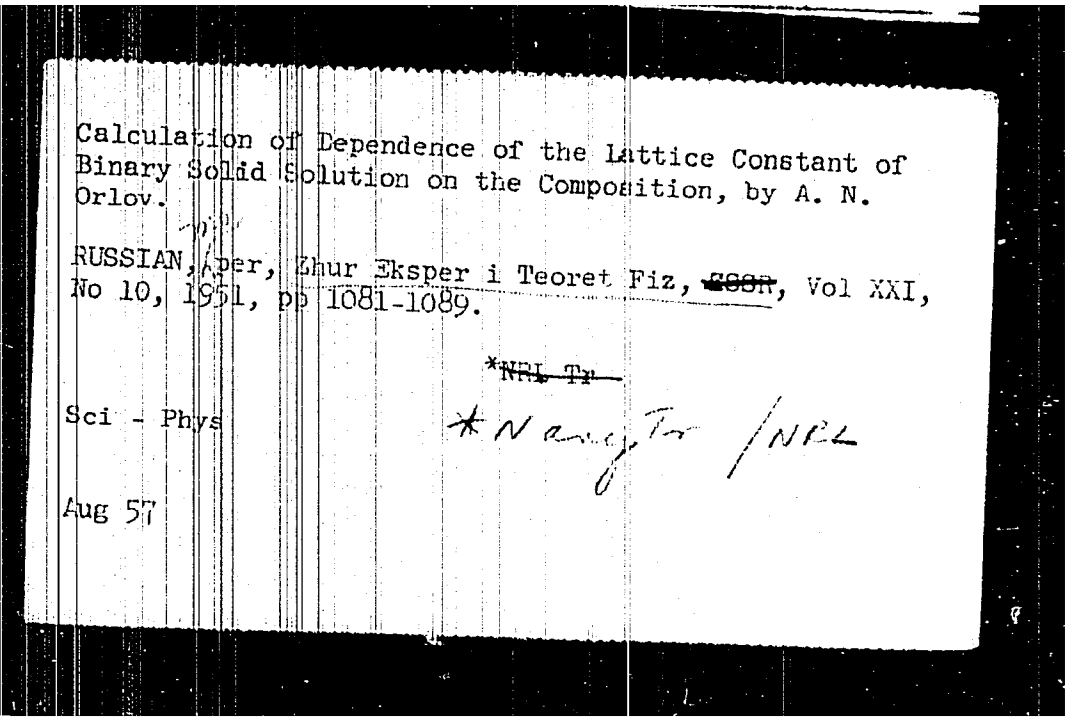

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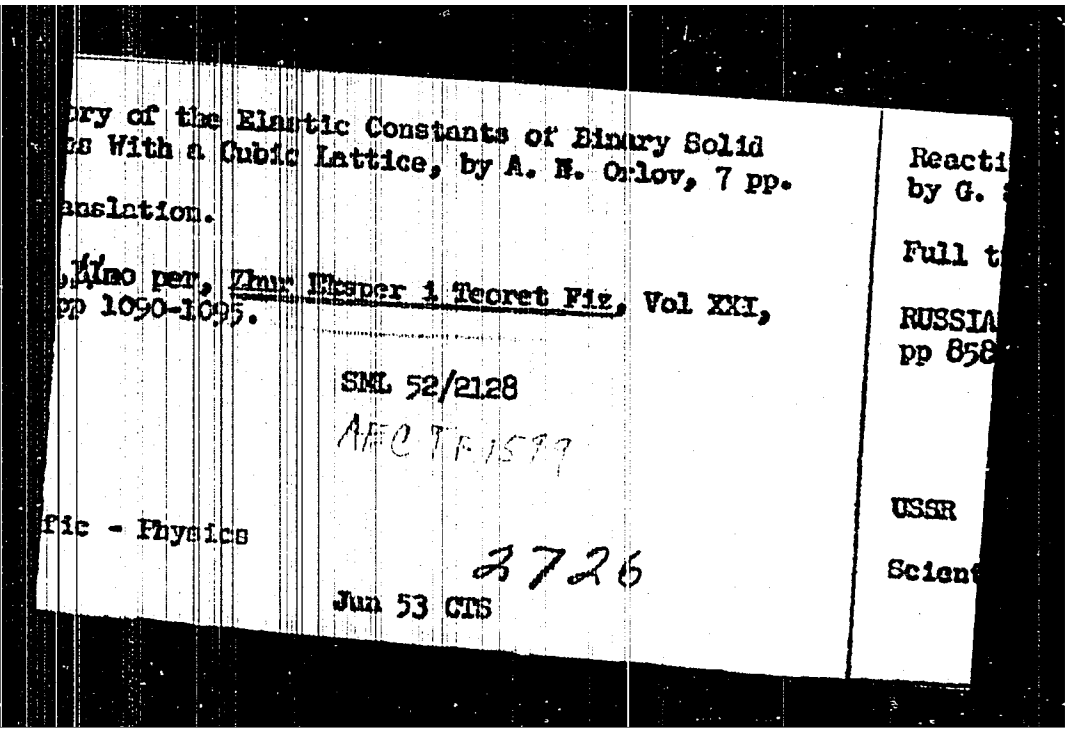

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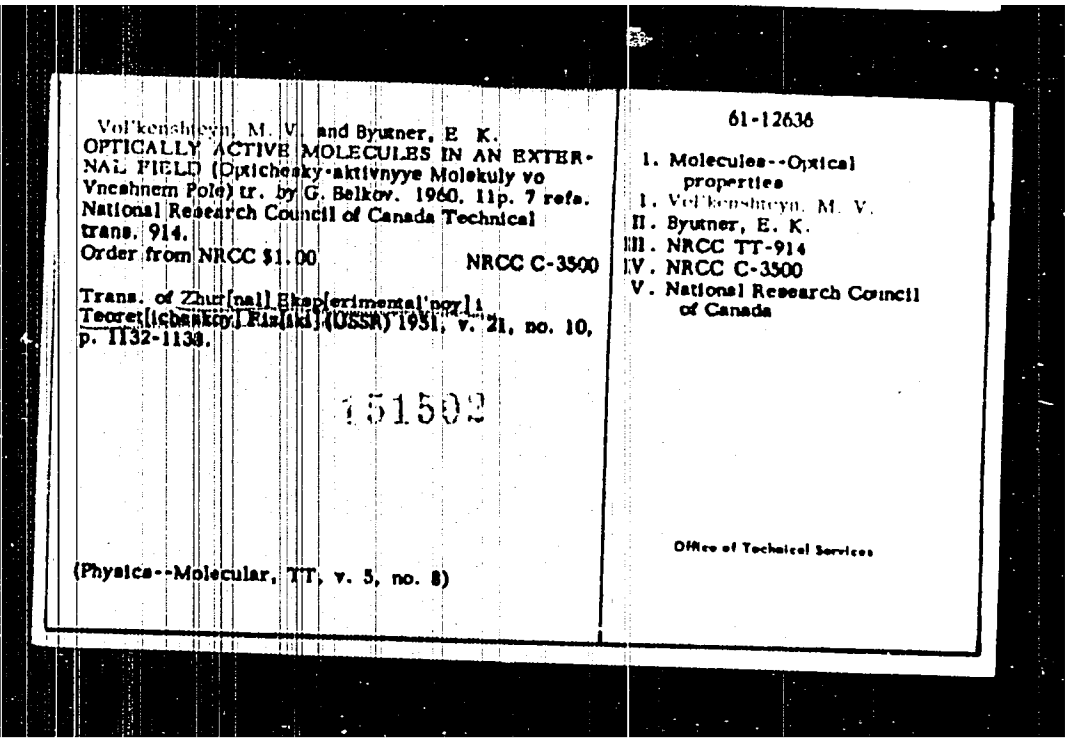

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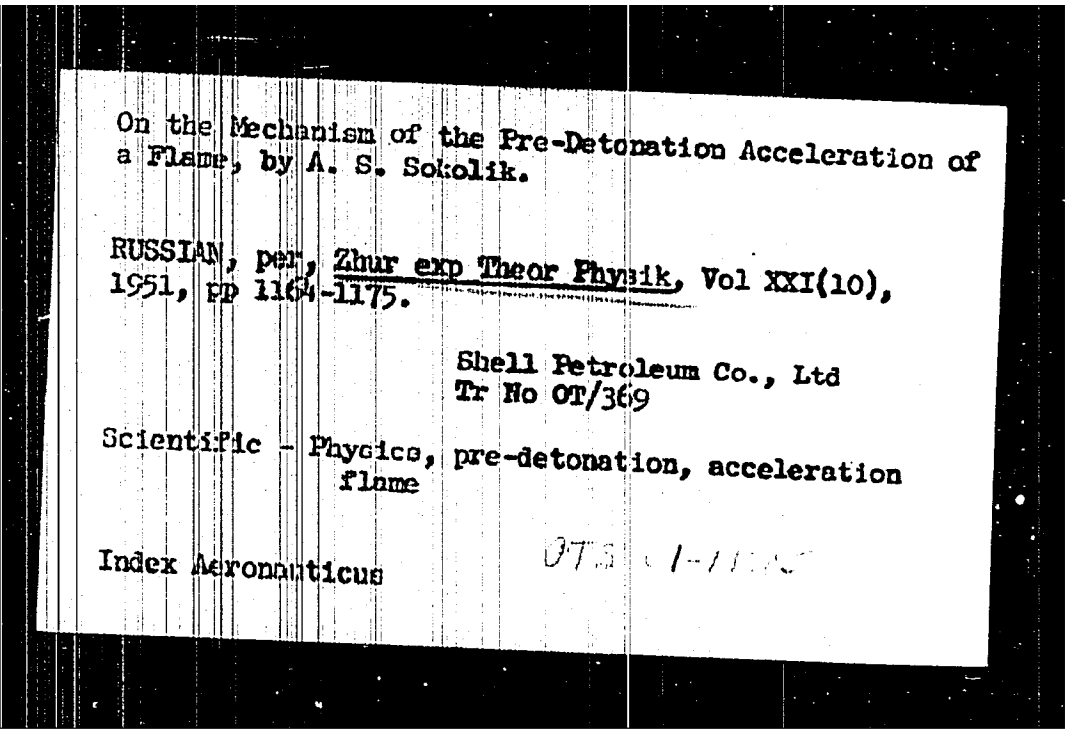

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Scientific - Physics, pre-detonation, acceleration
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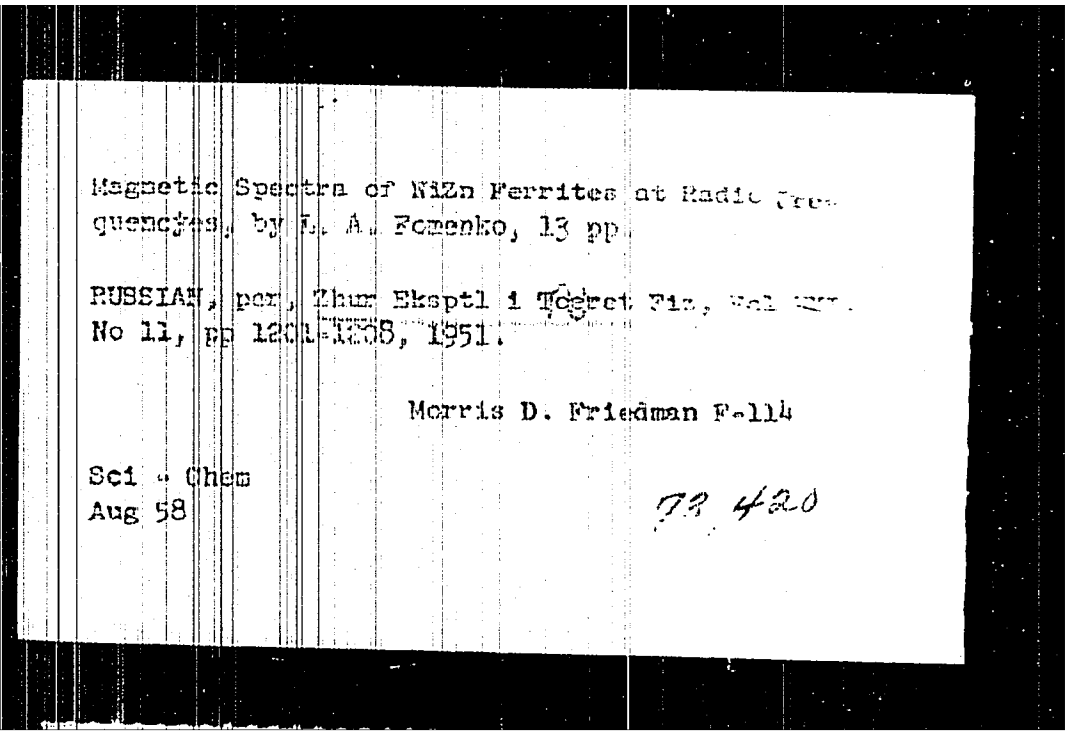

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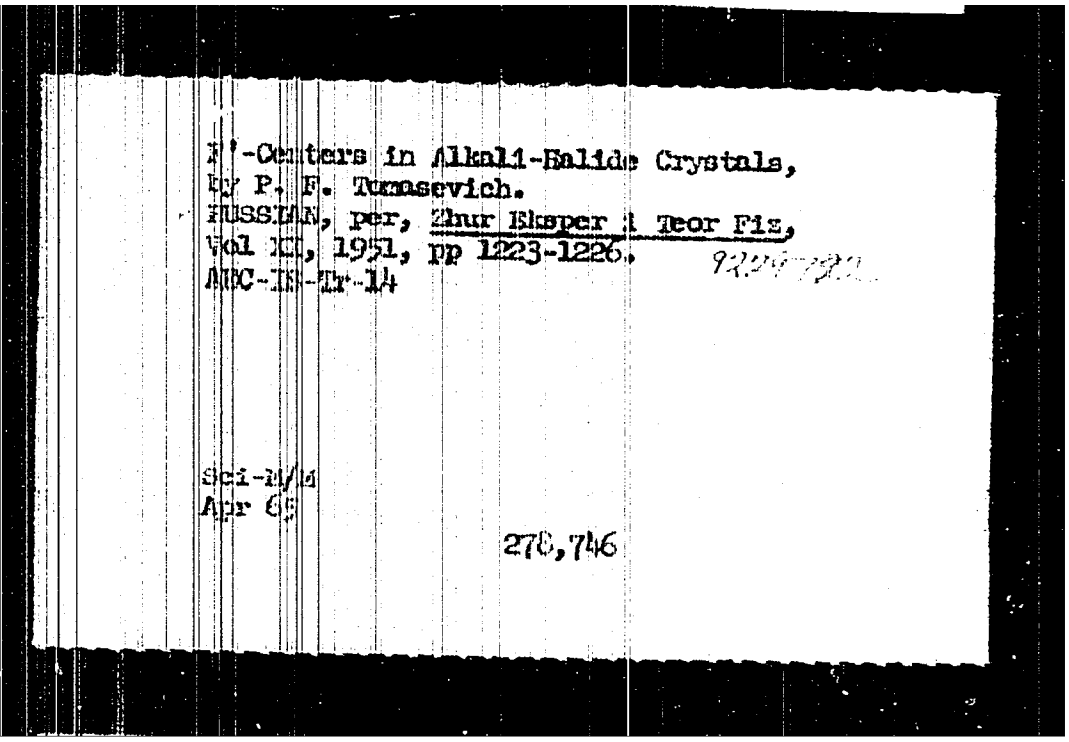

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Scientific - Physics, oscillations

Brookhaven Nat Lab 24 Mar 1953

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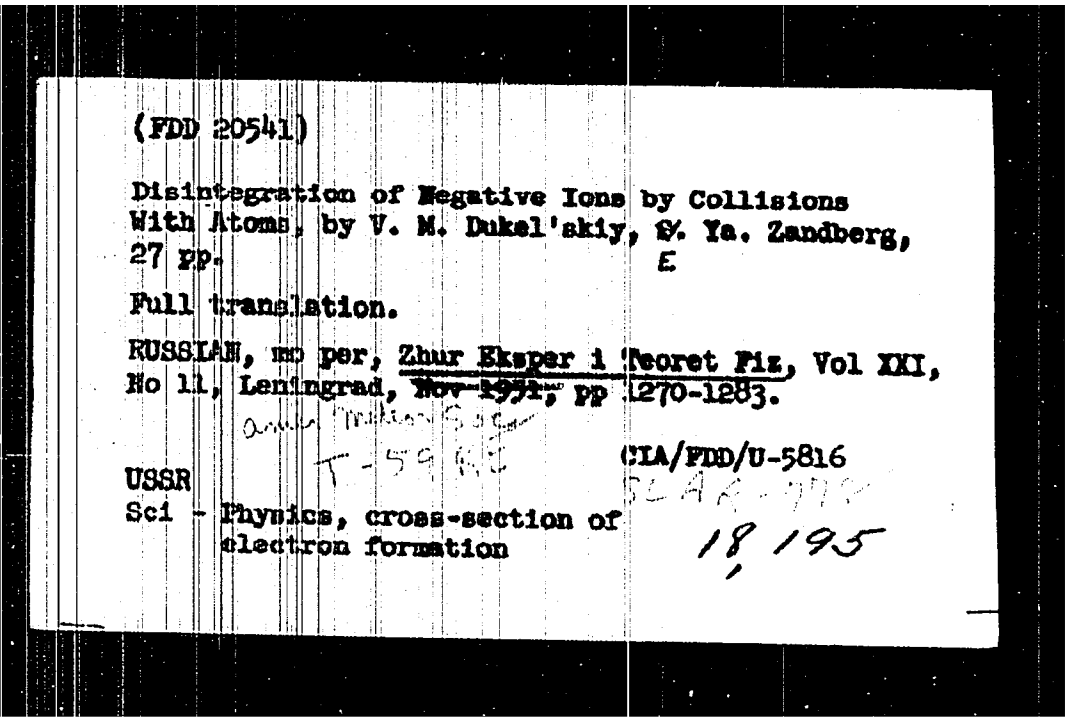

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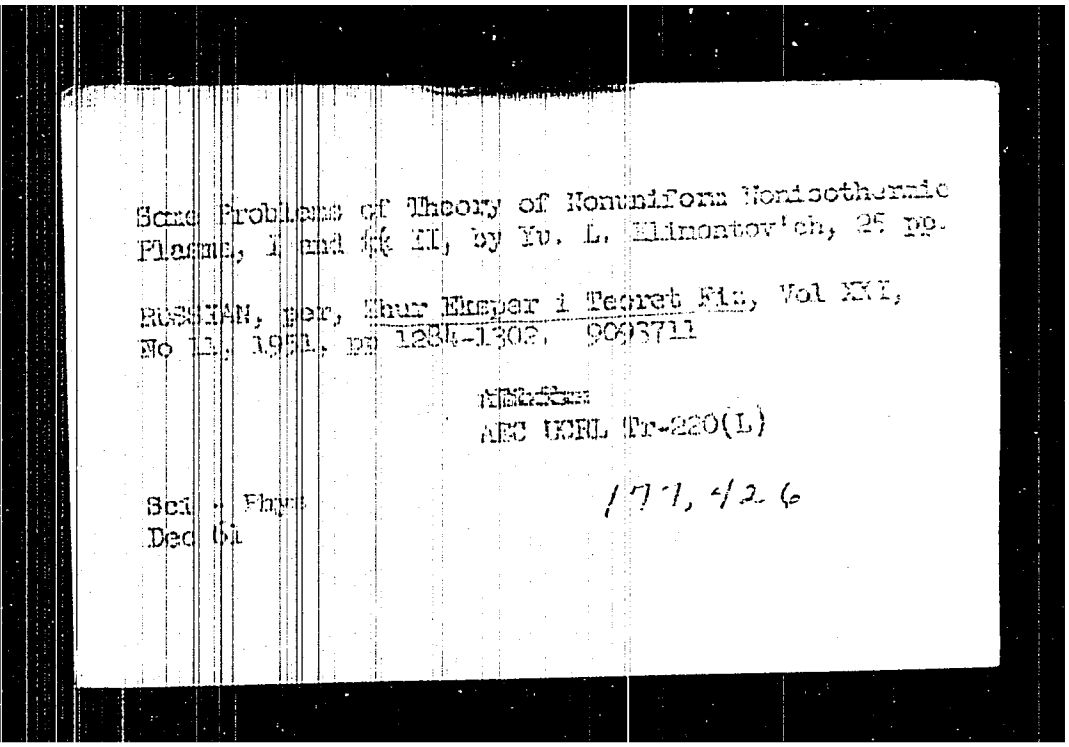

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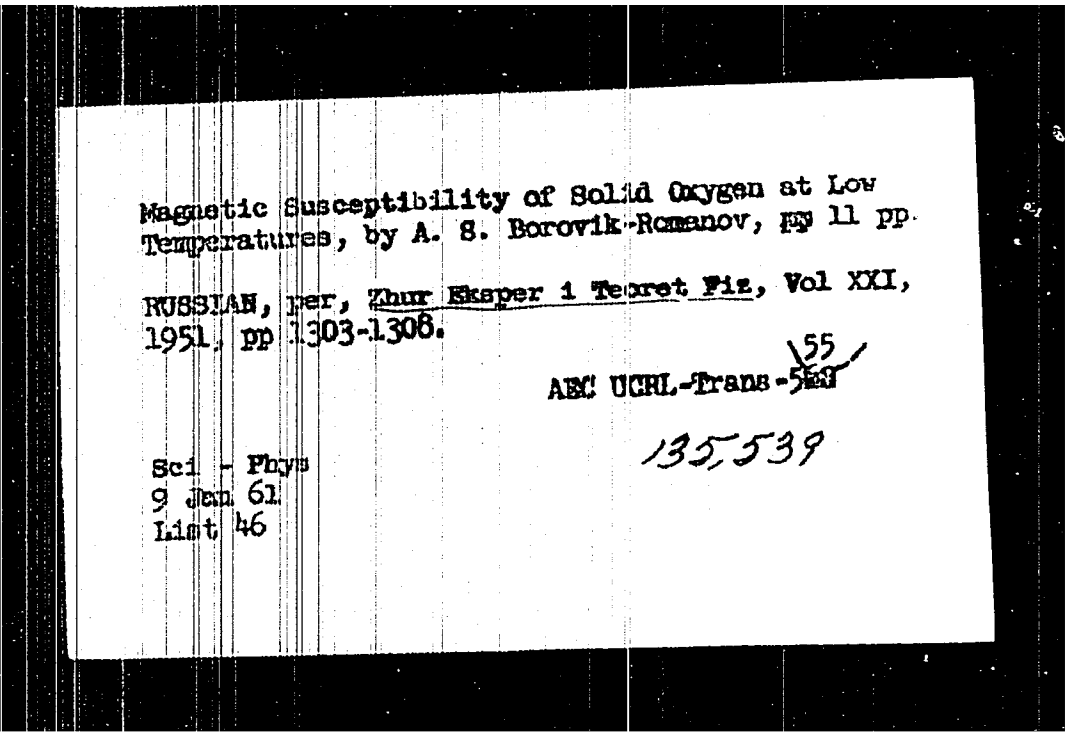

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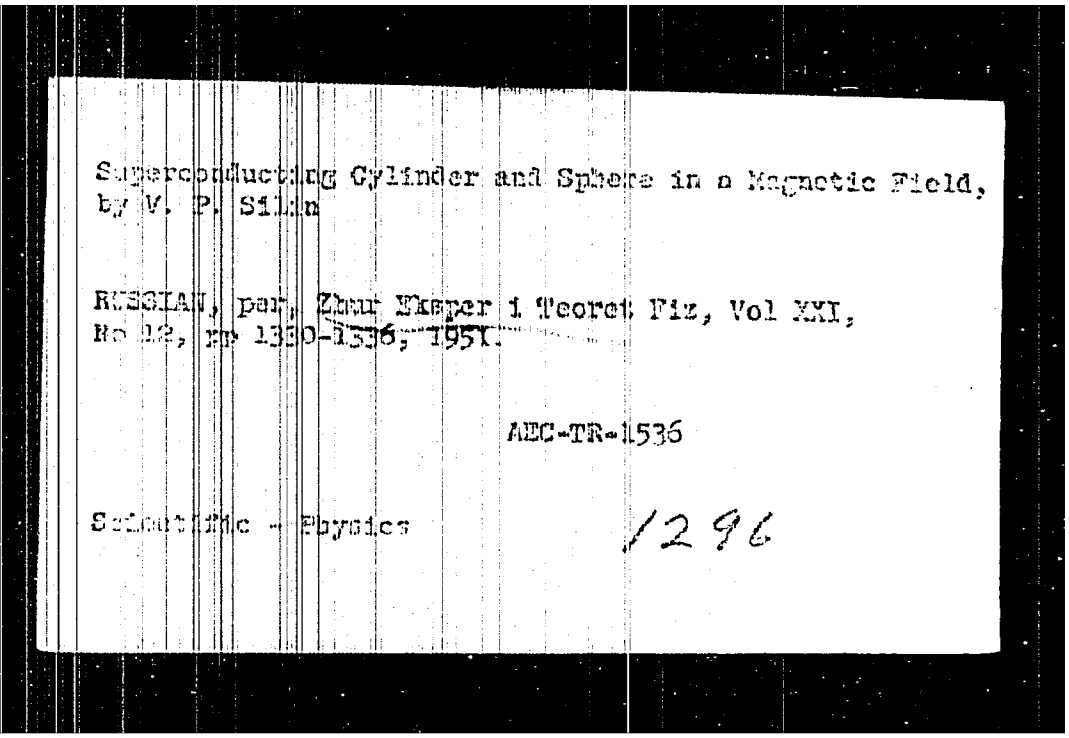

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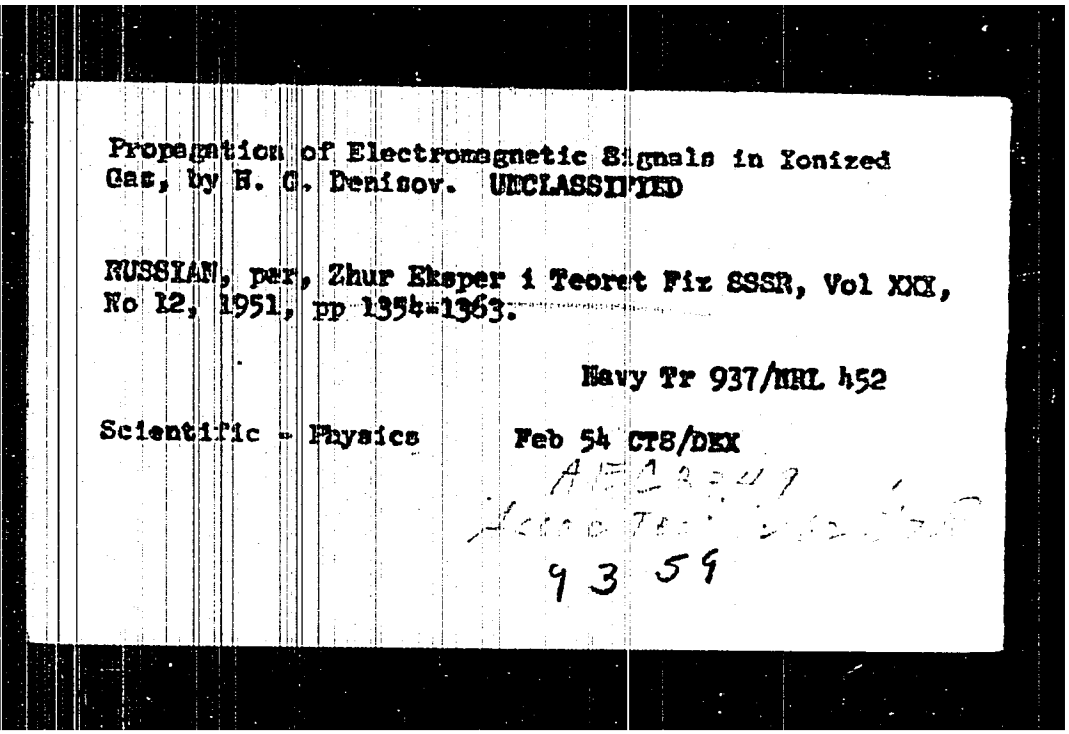

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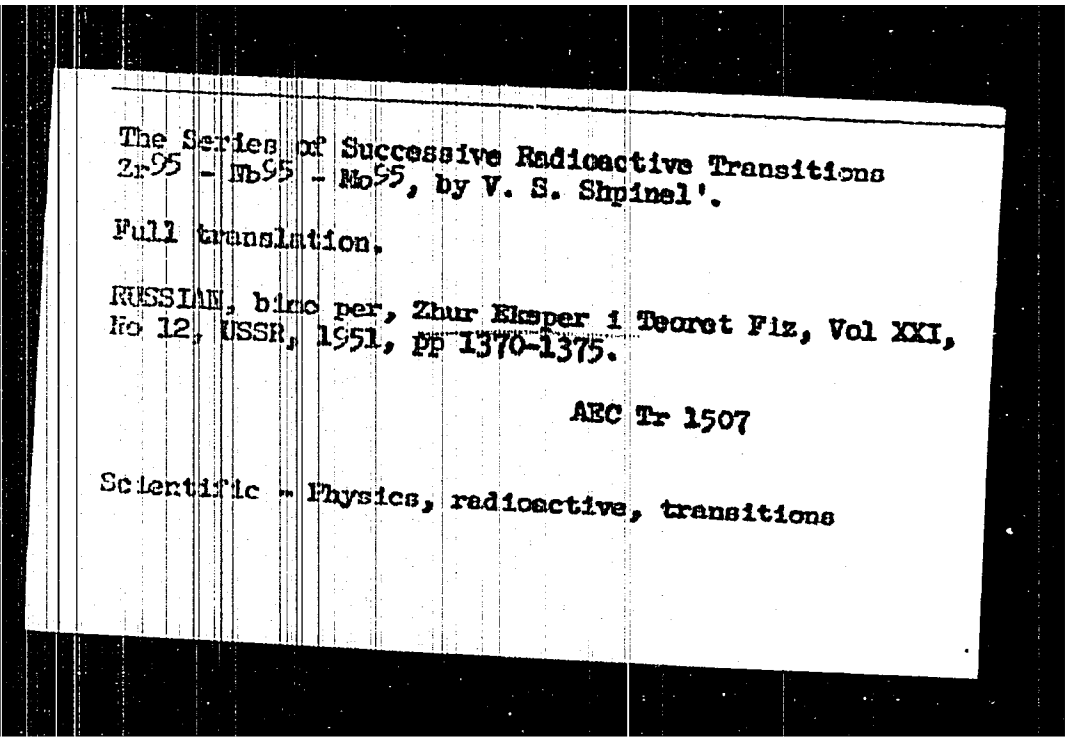

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AEC Tr 1507

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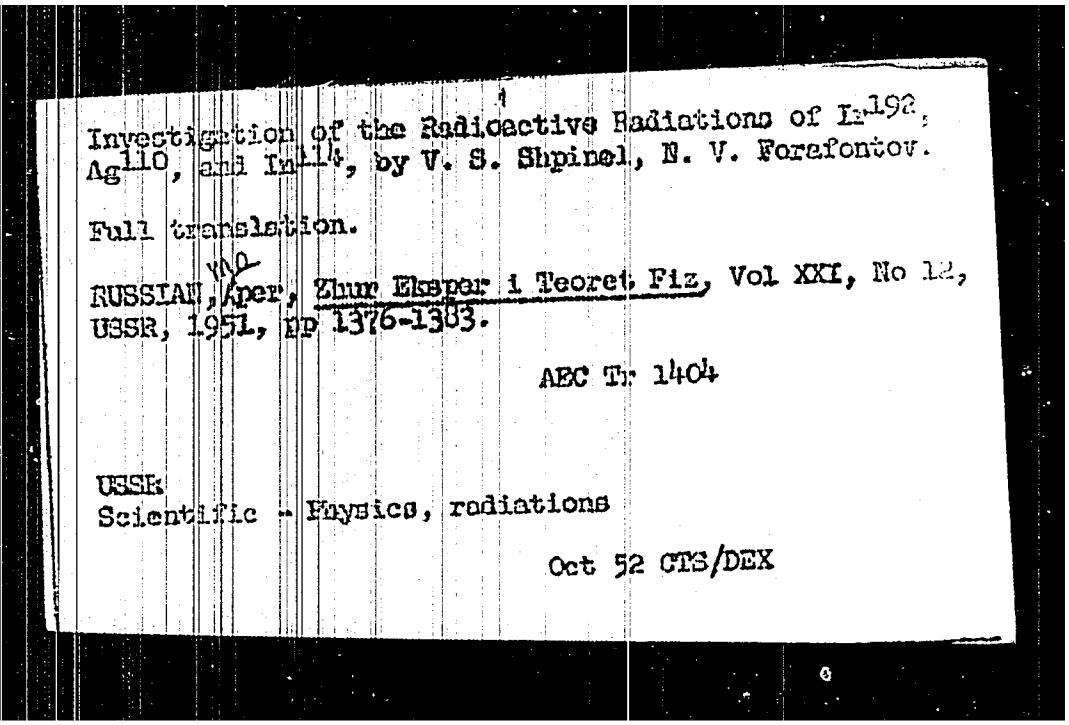

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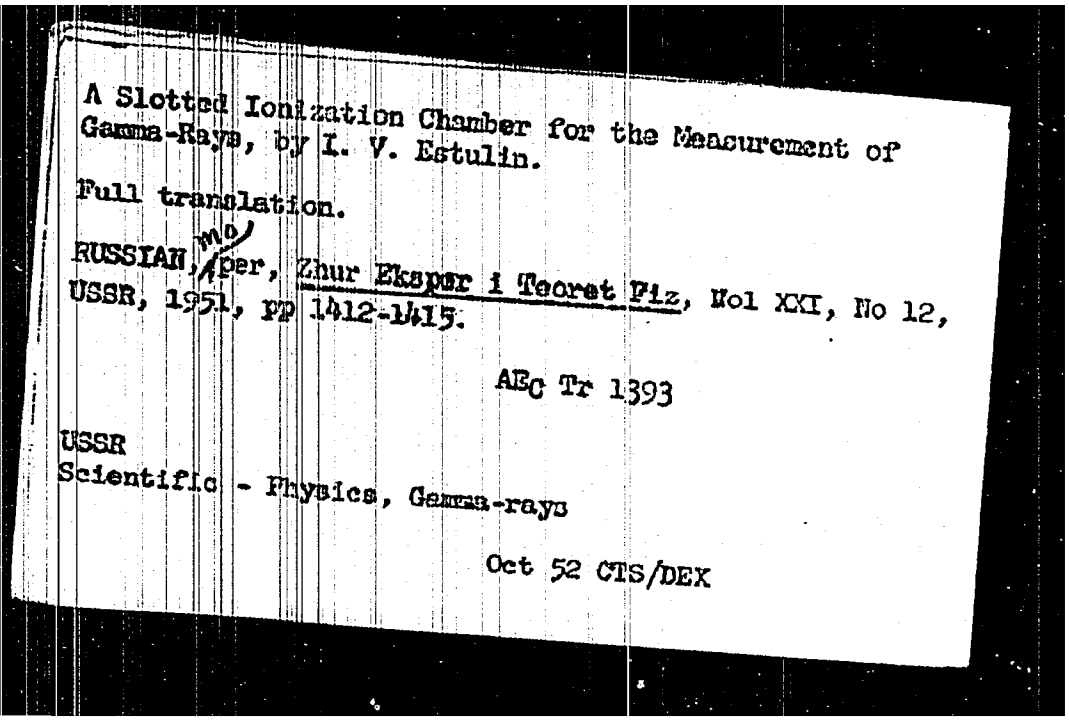

A Slotted Ionization Chamber for the Measurement of Gamma-Rays, by I. V. Estulin.

Full translation.

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AEC Tr 1393

USSR
Scientific - Physics, Gamma-rays

Oct 52 CTS/DEX

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OScillations of Plasma and Striations, by
V. Gordayev.
RUSSIAN, per, Zh Eksp Teor Fiz, Vol 22, 1952,
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AEC LA-tr-68-7

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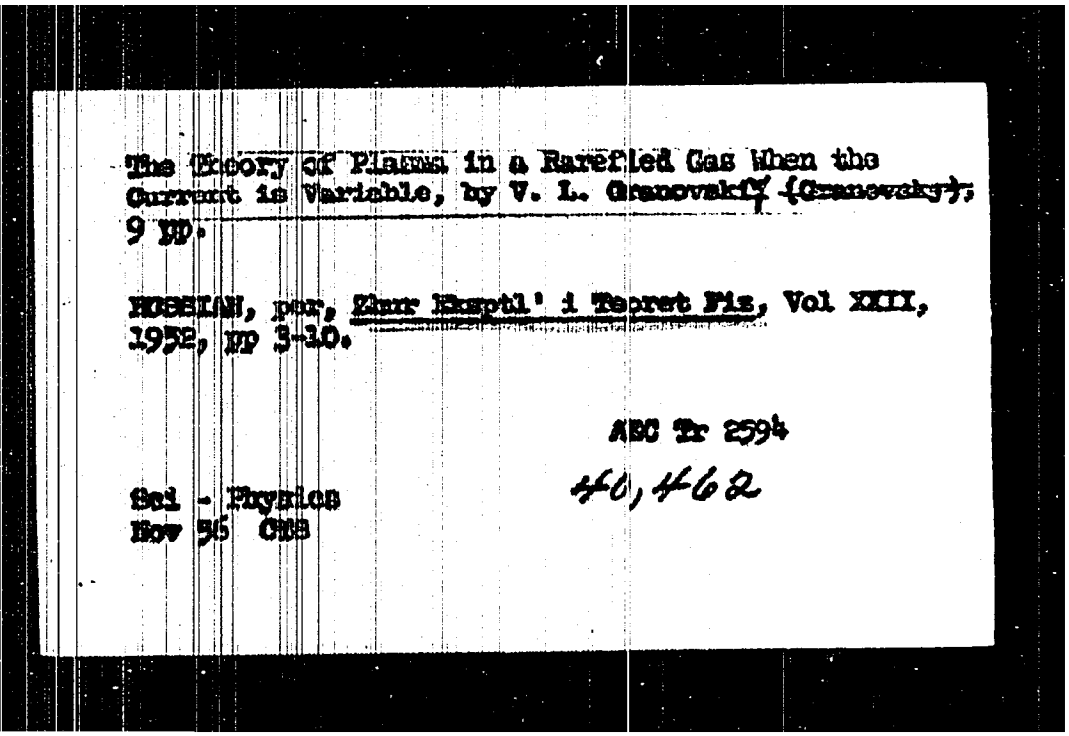

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AEC Tr 2594

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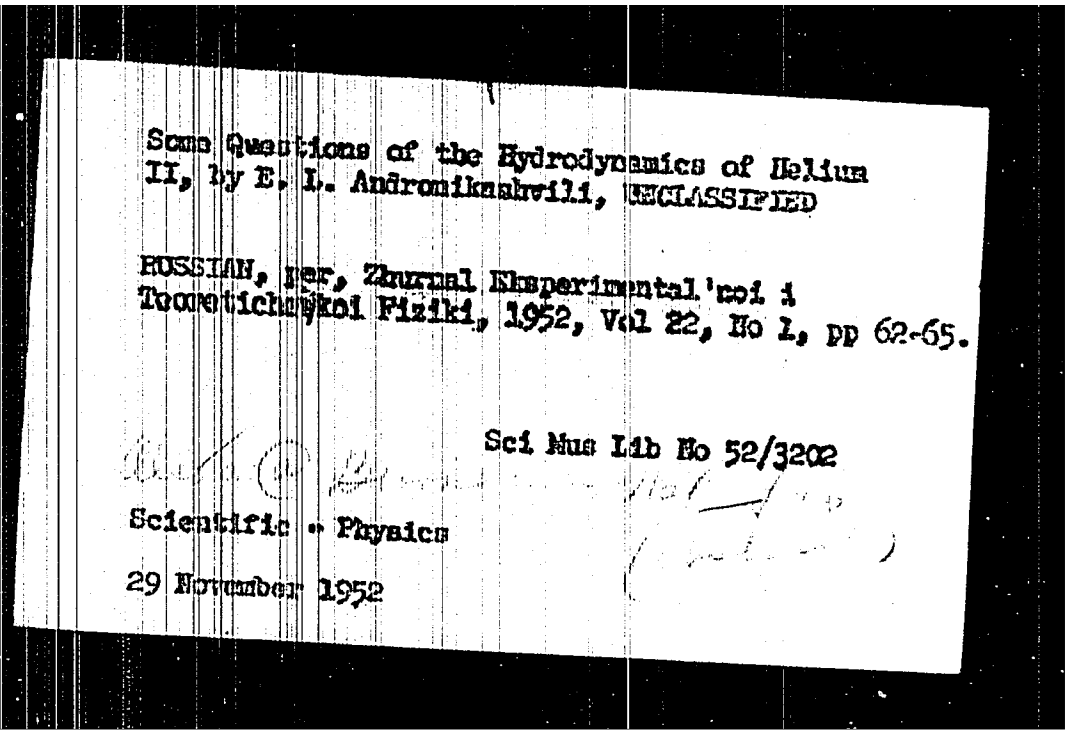

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Scattering of K^- Cascade Particles in Heavy Elements,
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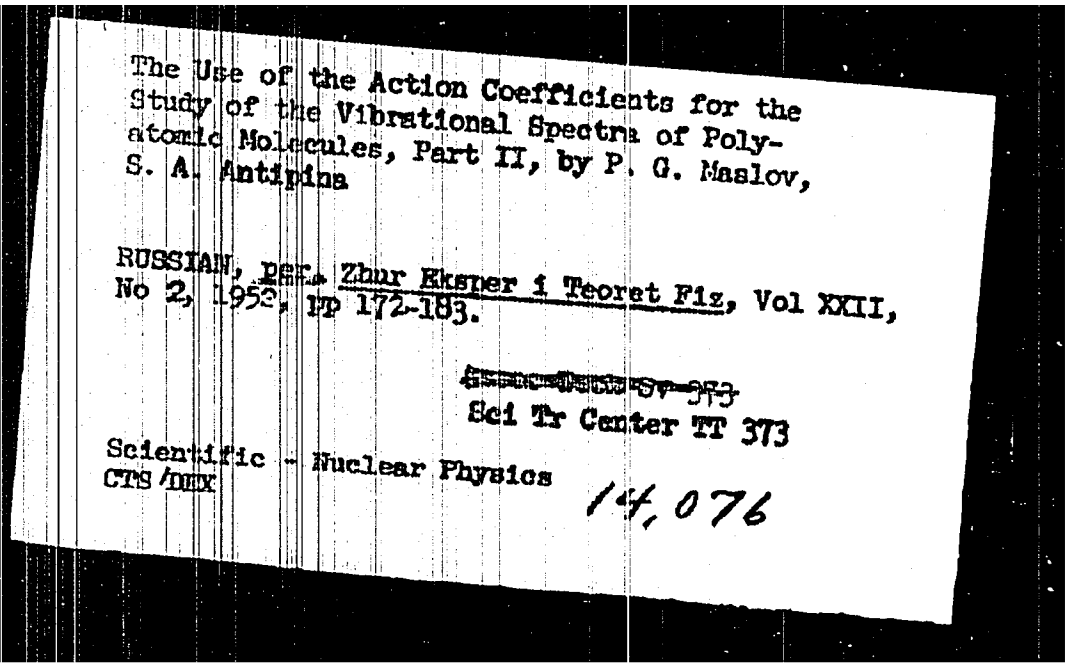

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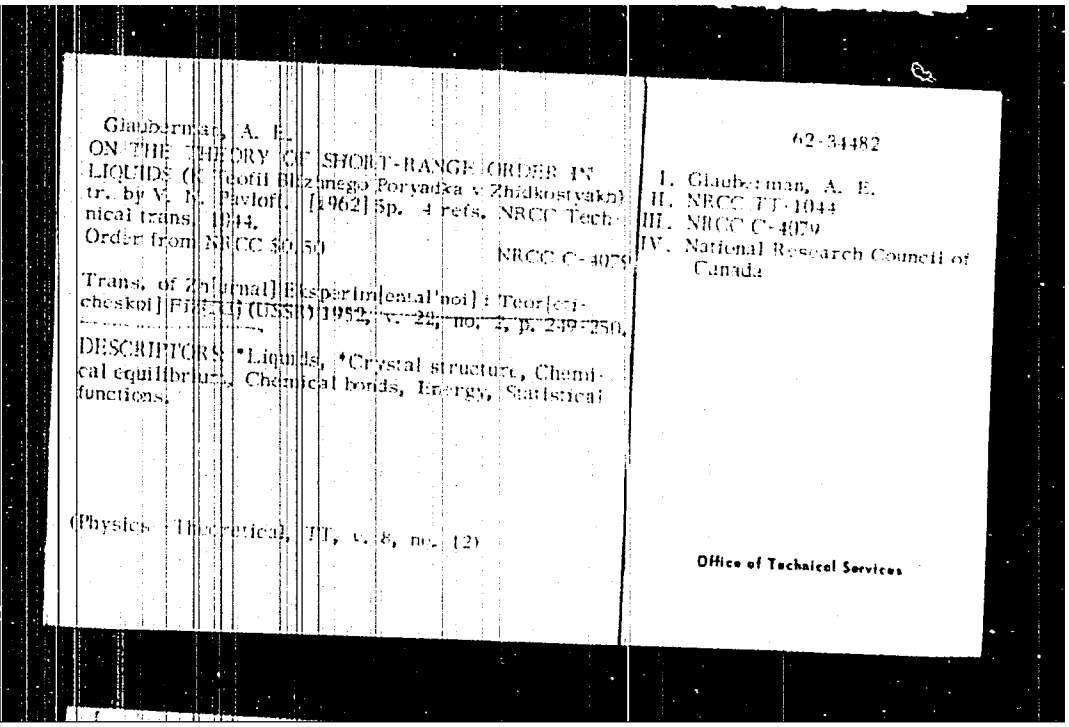

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Order from NRCC 50,50)

NRCC C-4079

Trans. of Zhurnal Eksperimental'noi i Teoreticheskoi Fiziki (USSR) 1952, v. 22, no. 2, p. 249-250.

DESCRIPTORS: *Liquids, *Crystal structure, Chemical equilibrium, Chemical bonds, Energy, Statistical functions.

(Physics - Theoretical), TT, v. 8, no. 12)

62-34482

I. Glauberman, A. E.
II. NRCC TT-1044
III. NRCC C-4079
IV. National Research Council of Canada

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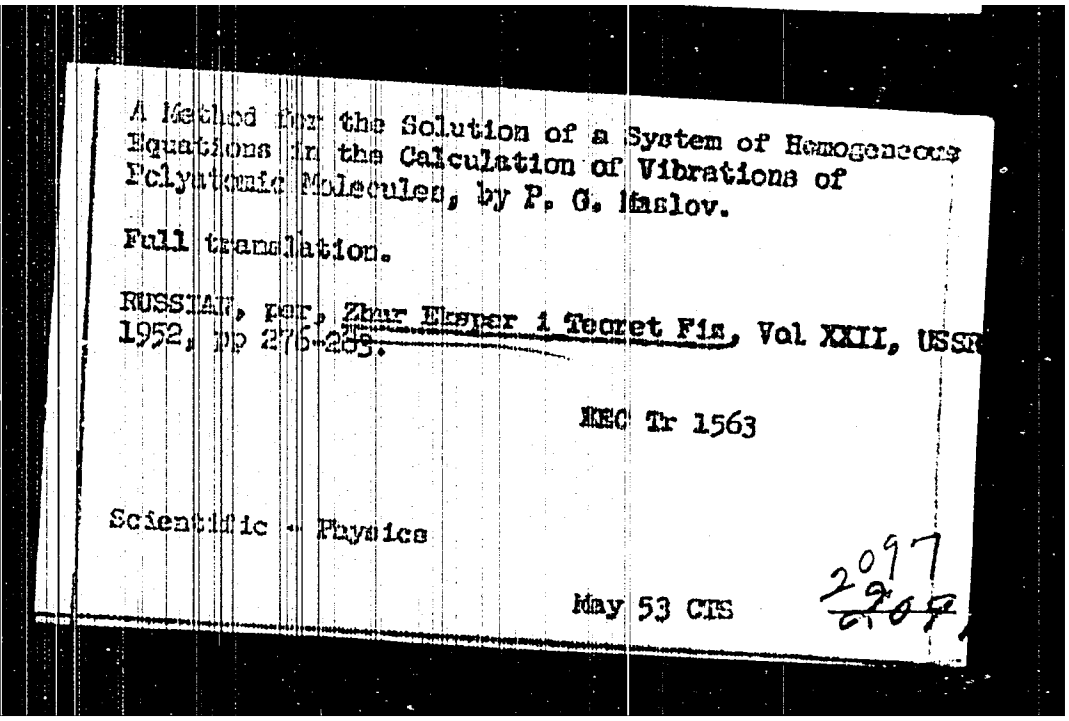

A Method for the Solution of a System of Homogeneous Equations in the Calculation of Vibrations of Polyatomic Molecules, by P. G. Maslov.

Full translation.

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MEC Tr 1563

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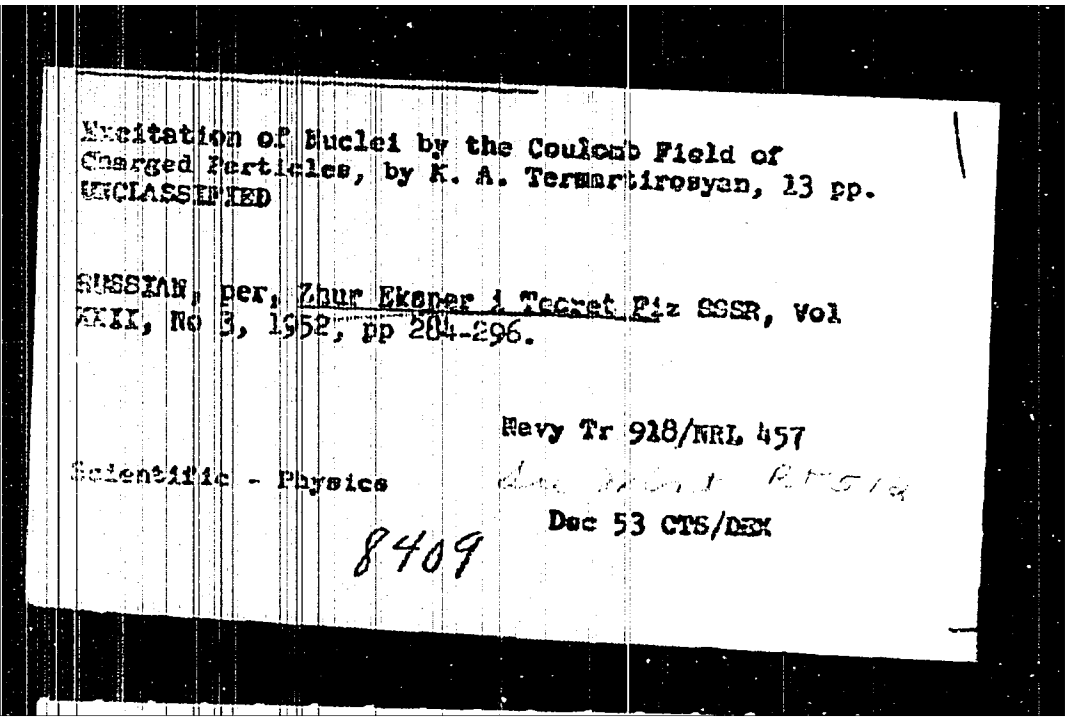

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Navy Tr 918/NRL 457

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Fiziki, Vol 3(9), 1952, pp 287-293.
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Resistance of Metals at High Current Density in an Impulse System, by L. A. Ignatyev, S. G. Kalashnikov, 19 pp.

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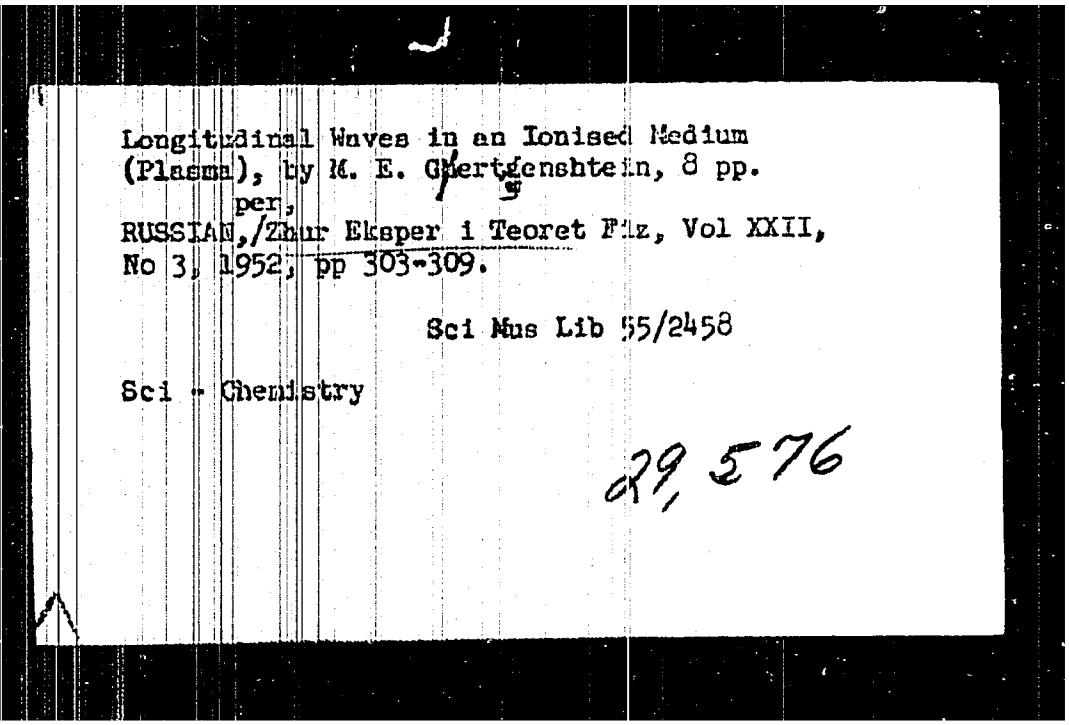

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Distribution of Particles in a Non-Uniformly Heated Fully Ionized Gas, by A. A. Abrikosov

Full translation.

RUSSIAN, per, Zhur Eksper i Teoret Fiz, Vol XXII, No 3, 1952, pp 310-320.

AEC Tr 1584

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AEC Tr 1613

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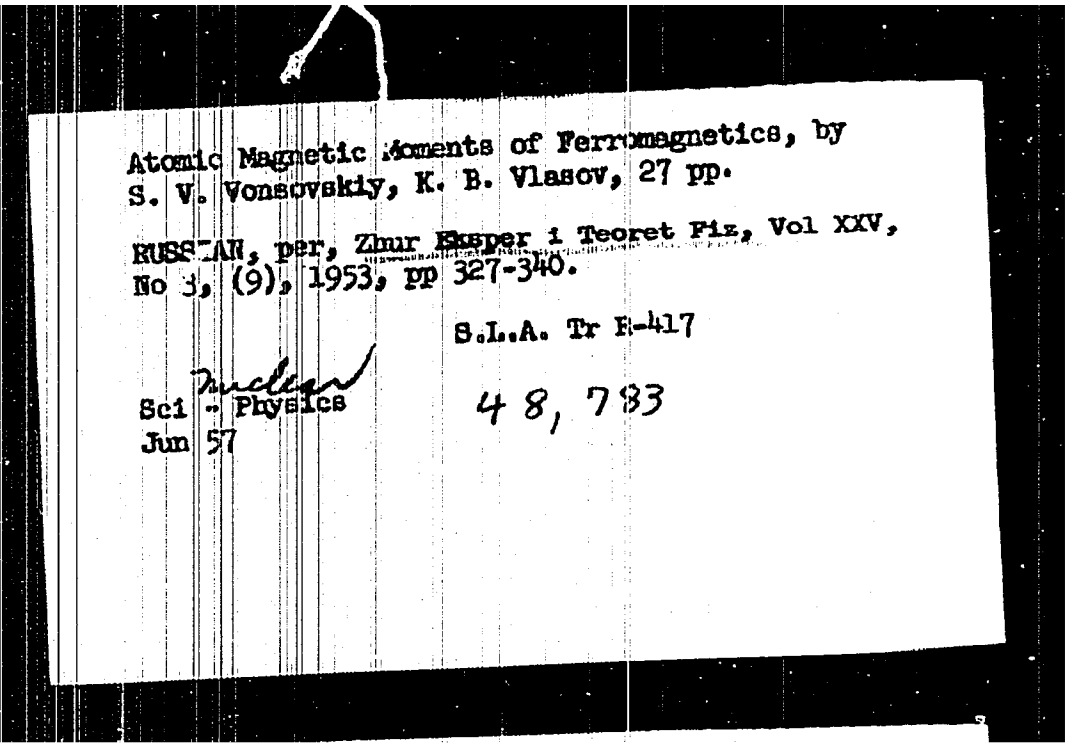

Atomic Magnetic Moments of Ferromagnetics, by
S. V. Vonsovskiy, K. B. Vlasov, 27 pp.

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No 3, (9), 1953, pp 327-340.

S.L.A. Tr F-417

Nuclear
Sci - Physics
Jun 57

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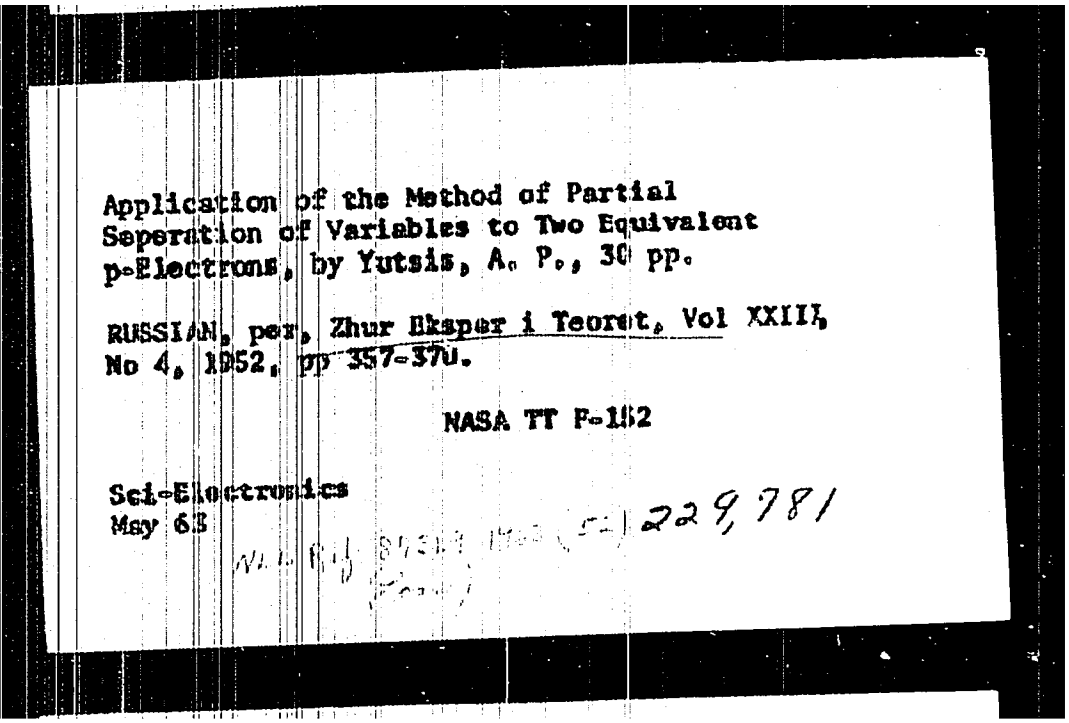

Application of the Method of Partial Seperation of Variables to Two Equivalent p-Electrons, by Yutsis, A. P., 30 pp.

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NASA TT F-182

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Thermoelectric Phenomena in Ferromagnetics Near Curie Temperature, by A. G. Samoilovich, L. L. Korenblit.

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Navy Tr 1485/NRL 612

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May 57

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Excitation of Ions in a Low-Pressure Mercury Discharge, by Yu. M. Kagan, V. M. Zakharova, 6 pp.

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AEC Tr 2595

Sci - Physics
Nov 56 CHE

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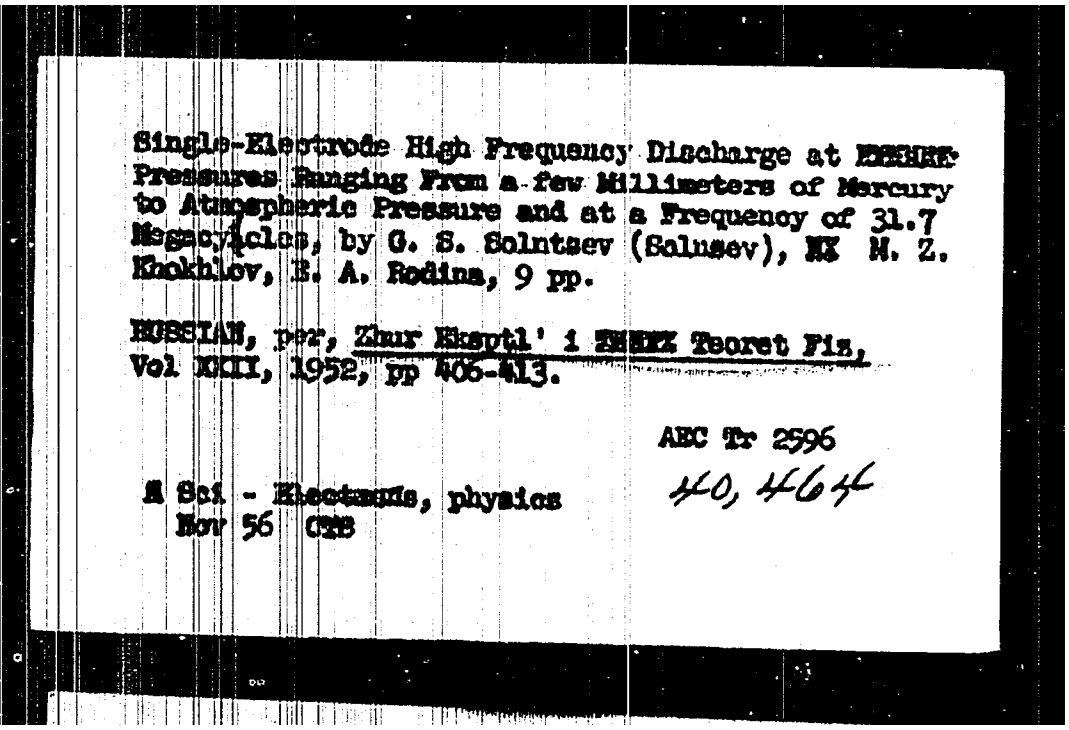

Single-Electrode High Frequency Discharge at [illegible] Pressures Ranging From a few Millimeters of Mercury to Atmospheric Pressure and at a Frequency of 31.7 Megacycles, by G. S. Solntsev (Salusev), [illegible] M. Z. Knokhlov, E. A. Rodina, 9 pp.

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AEC Tr 2596

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A Sci - Electronics, physics
Nov 56 CSB

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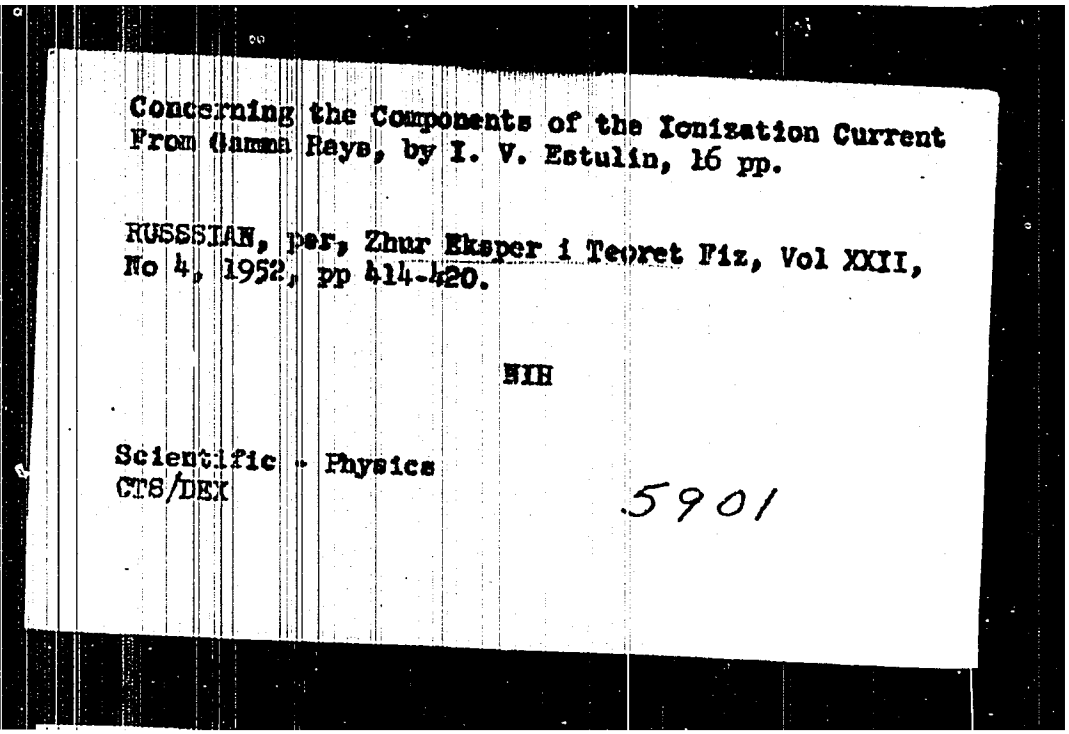

Concerning the Components of the Ionization Current From Gamma Rays, by I. V. Estulin, 16 pp.

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Spatial Distribution of the Penetrating Particles in Atmospheric Showers of Cosmic Rays, by L. Kh. Eidus, M. L. Adamovich, I. A. Ivanovskaya, V. S. Nikolaev, M. S. Tulyankina

Full translation.

RUSSIAN, per, Zhur Eksper i Teoret Fiz, Vol XXII, No 4, 1952, pp 440-447.

AEC Tr 1589

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CONCERNING THE HEAT-CAPACITY OF THIN FILMS AND NEEDLES AT LOW TEMPERATURES (O Teploemkostyakh Tonkikh Plenok I Igl pri Nizkikh Temperaturakh). [1962] [9]p. (foreign text included) 4 refs.
Order from CFS or SLA $1.10 62-18124

Trans. of Zhurnal Eksperimental'noi i Teoreticheskoi Fiziki (USSR) 1952, v. 22, no. 4, p. 471-474

DESCRIPTORS: *Thin films, Temperature, Mechanical waves, Vibration.

(Mechanics, TT, v. 9, no. 6)

62-18124

1. Lifshits, I. M.

FTD-TT-63-517
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Lifshits, I. M.
CONCERNING THE THERMAL CHARACTERISTICS OF CATENARY AND LAMINAR STRUCTURES AT LOW TEMPERATURES (O Teplovykh Svoistvakh Tsepnykh i Sloistykh Struktur pri Nizkih Temperaturakh). [1962] 29]p. (foreign text included) 6 refs. Order from OTS or SLA $2.60 62-18125

Trans. of Zhurnal Eksperimental'noi i Teoreticheskoi Fiziki (USSR) 1952, v. 22, no. 4, p. 475-486.

DESCRIPTORS: Crystals, *Crystal structure, *Thermodynamics, Heat tolerance, Thermal expansion, Low temperature research, Solid state physics.

(Physics--Solid State, TT, v. 9, no. 10)

62-18125

I. Lifshits, I. M.

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Electromagnetic Emission From Cosmic Protons and the Galactic Radio Emission, by A. A. Korchak, Terletskiy, 5 pp.

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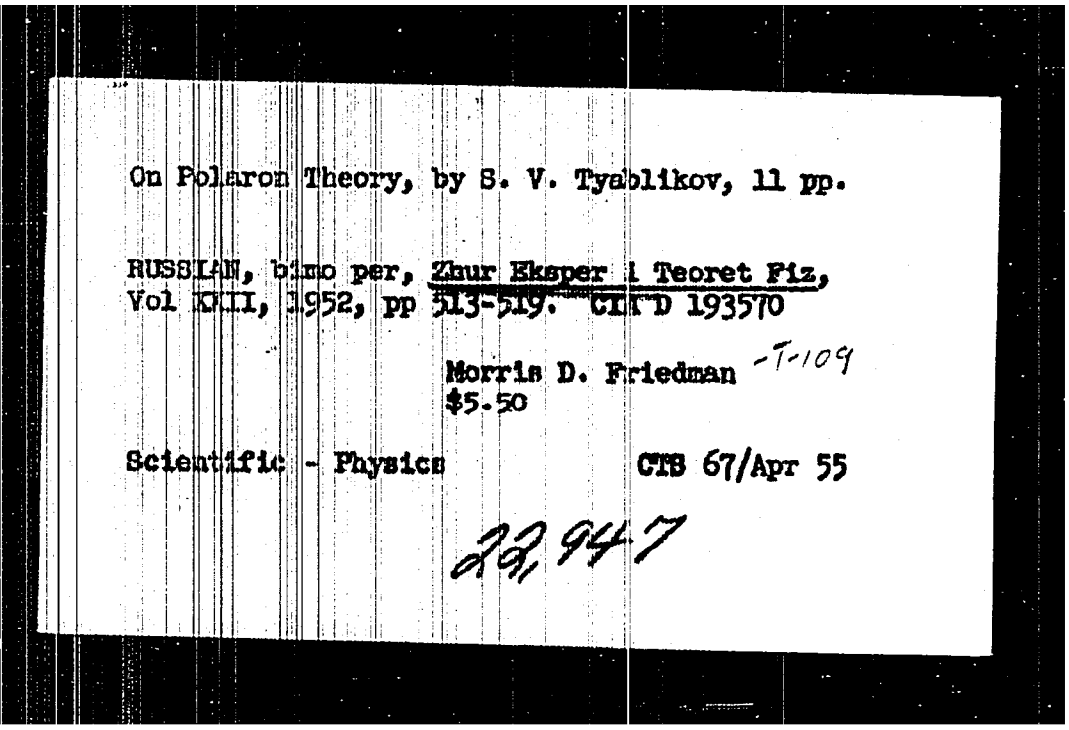

On Polaron Theory, by S. V. Tyablikov, 11 pp.

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Relativistic Theory of Free Particles Having Three-Dimensional Extension, by Yu. M. Shirokov.

RUSSIAN, per, Zhur Experimental'noi i Theoreticheskoi Fiziki, Vol XXII, No 5, 1952, pp 539-543.

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Contribution to the Theory of Interaction of Radio Waves in the Ionosphere, by I. M. Vilenskiy, 28 pp. UNCLASSIFIED (AF 494 985

RUSSIAN, per. Zhur Eksper i Teoret Fiz, Vol. XXII, No 5, May 1952, pp 544-561. CIA 6826?1

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Sci - Geophys

Jan 59

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RUSSIAN, per, Zhur Eksper i Teoret Fiz, Vol XXII, 1952, pp 562-578. 9080662

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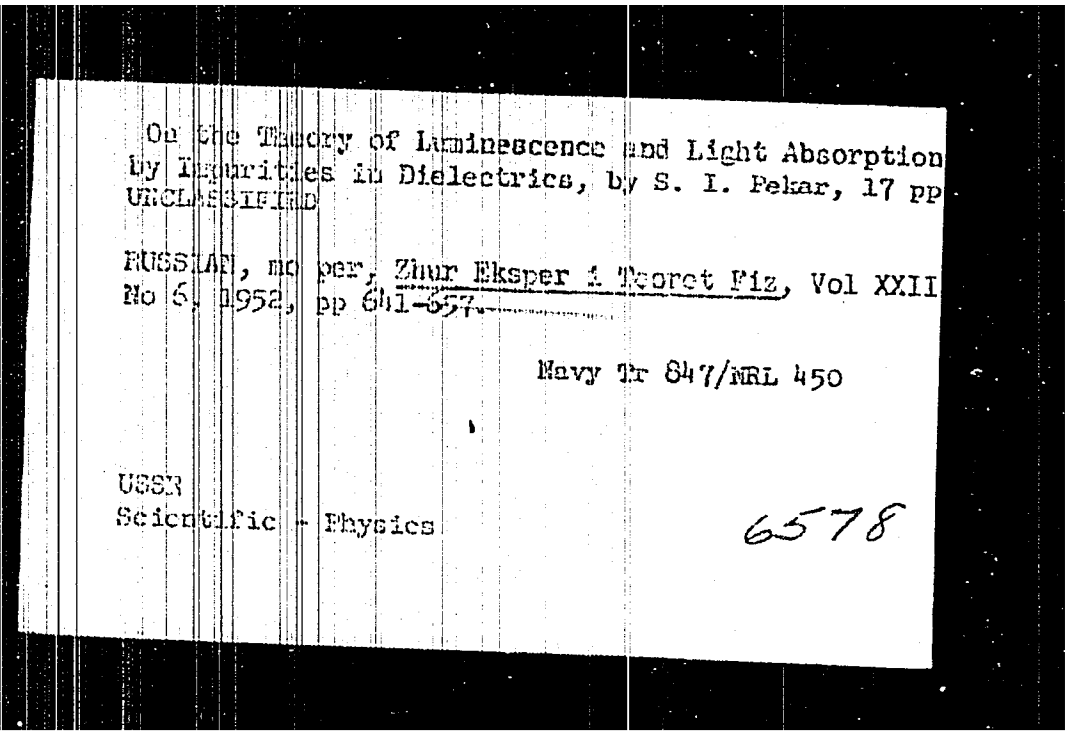

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RUSSIAN, no per, Zhur Eksper i Teoret Fiz, Vol XXII No 6, 1952, pp 641-657.

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The Formation of pairs of π-Mesons by the interaction of Photons and Nucleons, by G. F. Kharkov, UNCLASSIFIED

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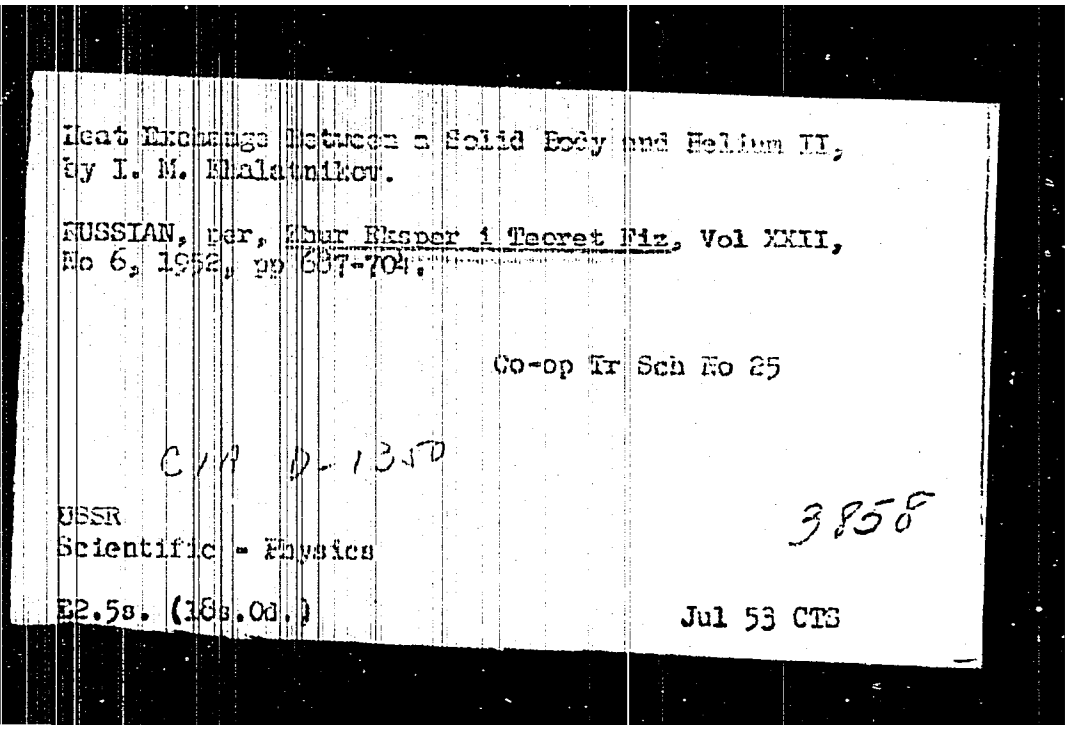

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by I. M. Khalatnikov.

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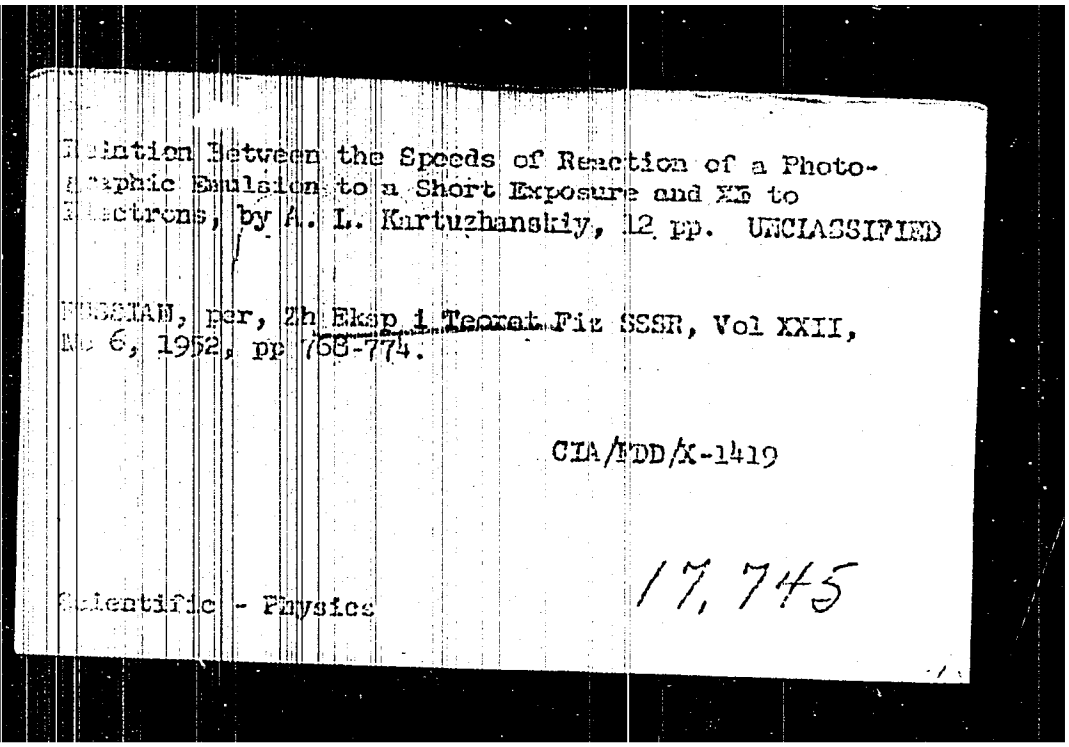

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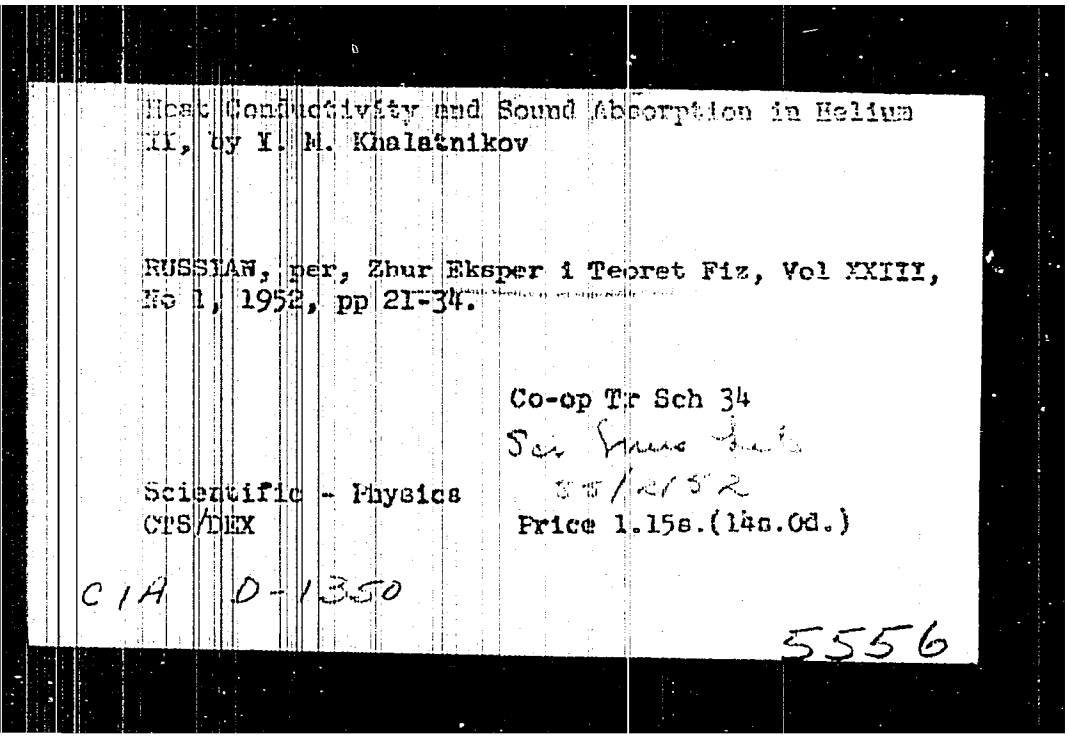

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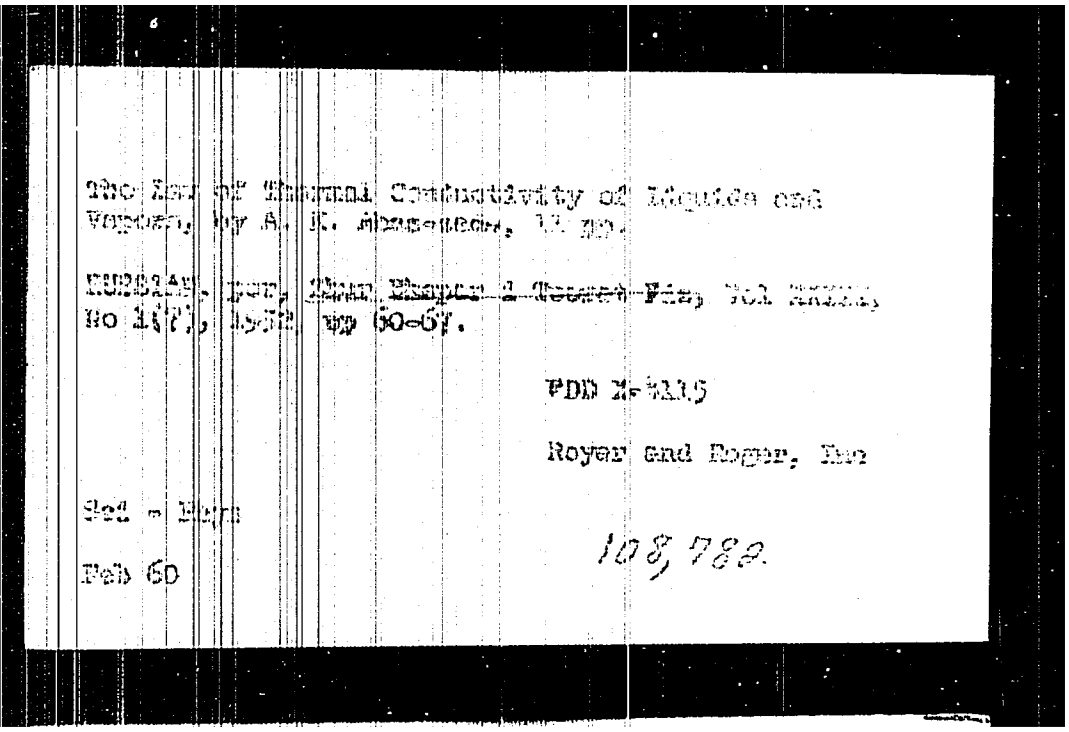

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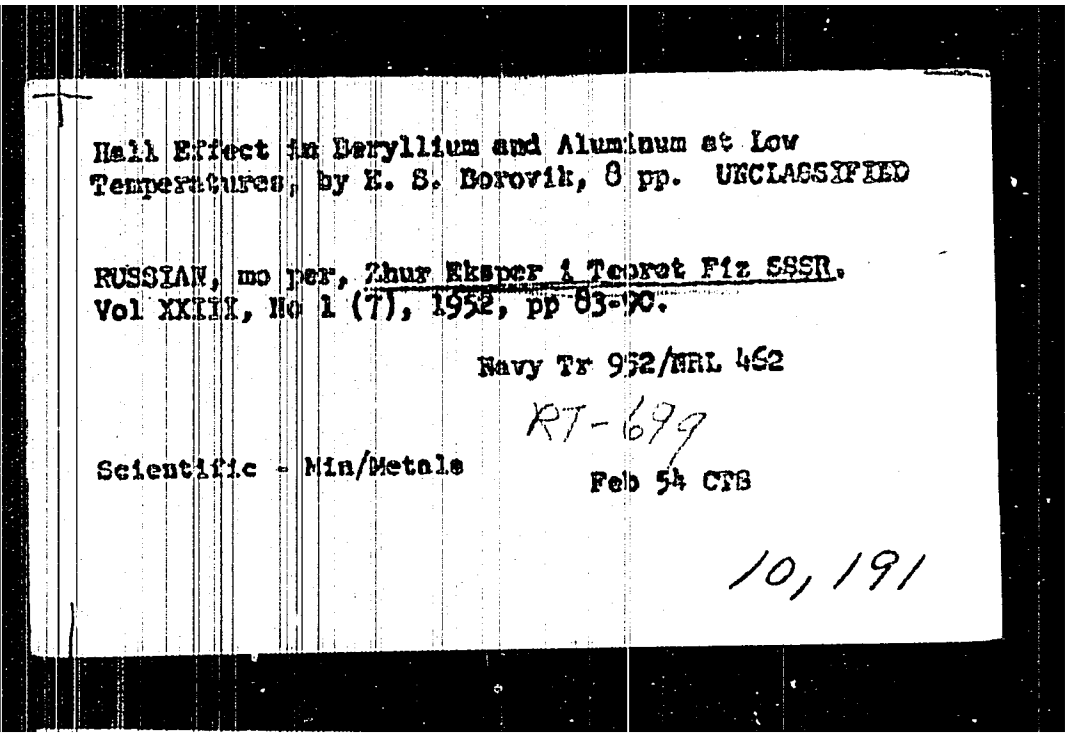

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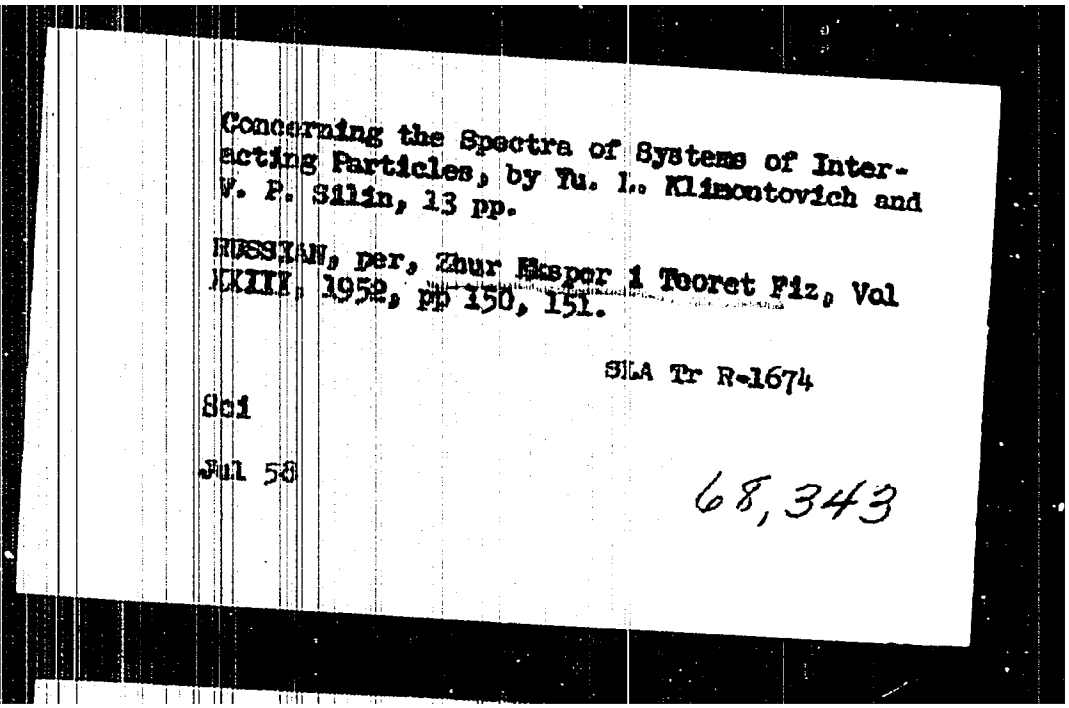

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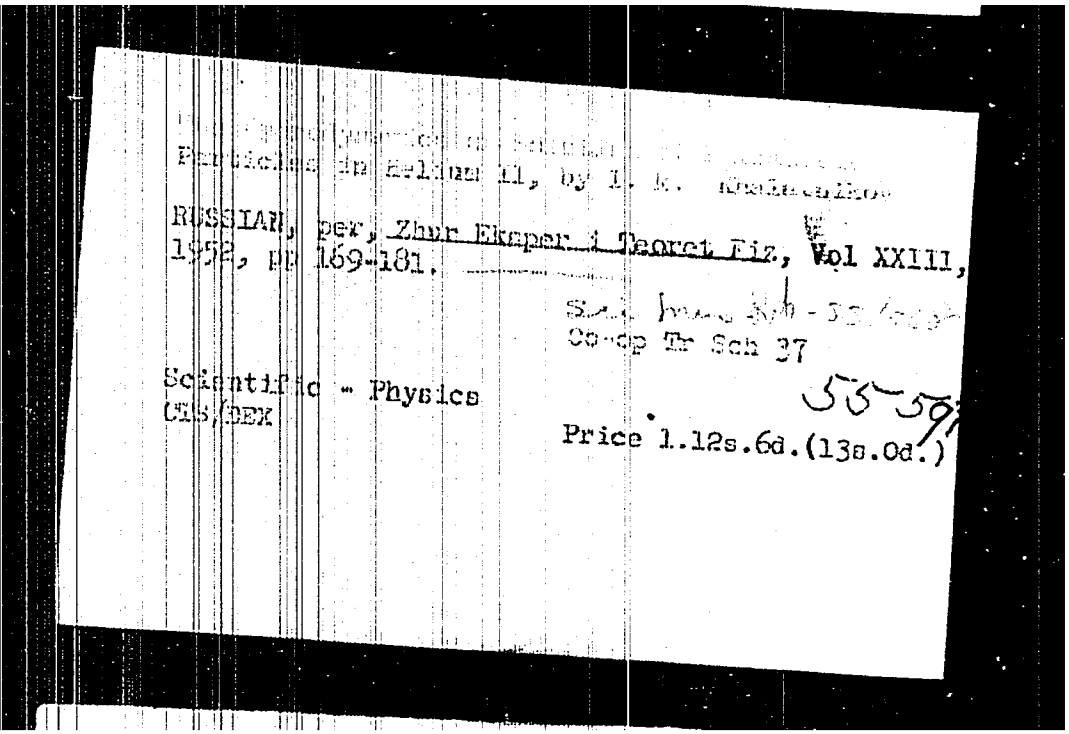

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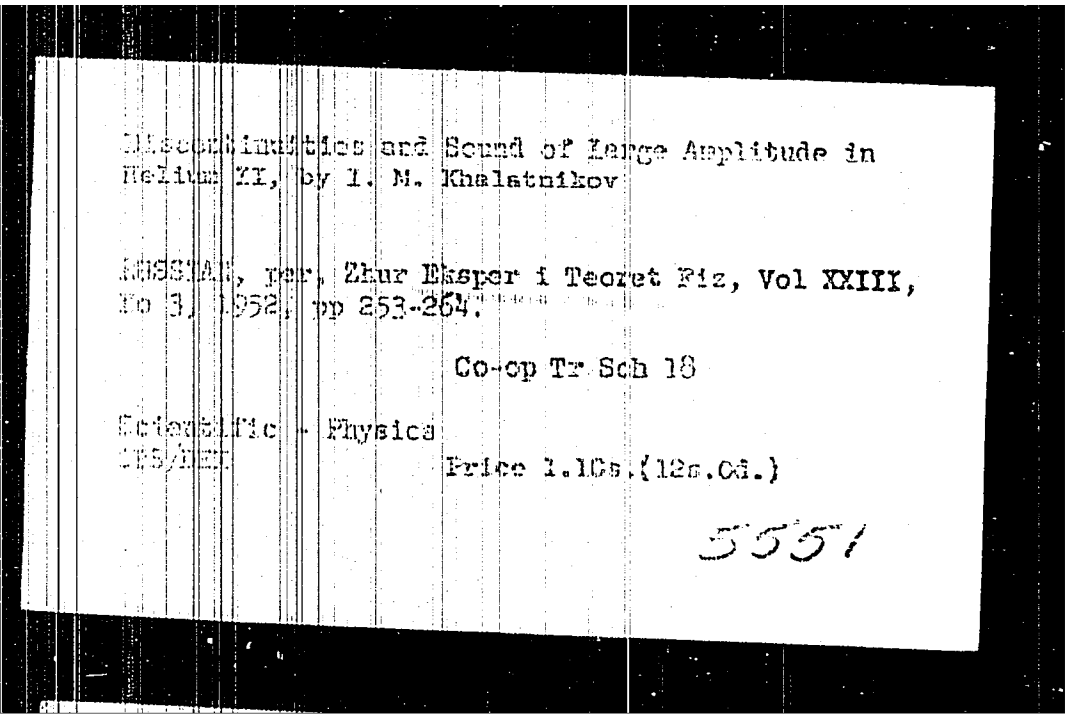

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